

Crest of Hylia

by Arya Akhavan (January 2013)

Angles for R.I. = 1.580

35 + 11 girdles = 46 facets

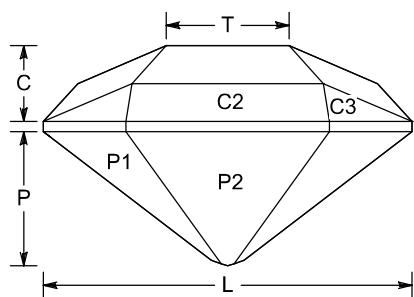
1-fold, mirror-image symmetry

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$L/W = 1.333$ $T/W = 0.444$ $U/W = 0.297$

$P/W = 0.484$ $C/W = 0.274$

$Vol./W^3 = 0.369$



PAVILION

P1	42.00°	03-27-69-93	Cut to centerpoint.
P2	45.32°	96-30-66	Meet at culet.
P3	46.42°	33-45-51-63	Meet at culet.
G1	90.00°	33-45-51-63	Set stone size.
G2	90.00°	96-30-66	Level girdle.
G3	90.00°	03-27-69-93	Level girdle.
P4	42.80°	44-52	Meet P3, G1
P5	41.50°	39-57	Meet P3, G1, P4; culet

CROWN

C1	67.31°	33-45-51-63	Set girdle width.
C2	65.59°	96-30-66	Level girdle.
C3	64.55°	03-27-69-93	Level girdle.
C4	38.30°	39-57	Meet G2, C1
C5	27.16°	15-81	Meet G3, C3
C6	25.00°	96-30-66	Meet C1, C2, C4; C2, C3, C5
C7	26.96°	48	Meet C1, C4
T	0.00°	Table	Meet C4, C6, C7; C5, C6

For this particular design, I was trying to take my "Rhomboceros" design and pare it down to a much simpler pattern. Instead, I mistakenly reflected it, and somehow ended up with this wonderful Zelda-esque design. I like it in golden beryl, but works in materials from quartz to sphene (RI = 1.54 - 1.88) with no changes.

Suggested width = 6-10 mm

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